

III. In the Claims.

1. Please cancel claims 2, 3, 5-24 without prejudice or disclaimer of subject matter.
2. Please amend claim 1 and 4 as follows:

1. (Amended) An air spring comprising:

a flexible sleeve having one end attached to an end member and the other end attached to a piston;

the end member is tilted at an angle θ with respect to a piston major axis A-A in the range of approximately 7° to approximately 20°;

the piston having an outer surface having only an elliptical cross-section;

the outer surface comprising a ratio between a major axis length and a minor axis length of approximately 1.08; and

the flexible sleeve forming a rolling lobe cooperatively engaged with the outer surface; and

the flexible sleeve engaged with the piston outer surface such that the flexible sleeve comprises a substantially circular stress distribution.

2. (Cancelled) ~~The air spring as in claim 1, wherein the end member is tilted with respect to a piston major axis.~~

3. (Cancelled) ~~The air spring as in claim 1 wherein the outer surface has a ratio in the range of approximately 1.0 to 1.5.~~

4. (Amended) The air spring as in claim 1, wherein a major axis of a flexible sleeve elliptical stress distribution is disposed at approximately 90° to a major axis of the outer surface elliptical cross-section.

5. (Cancelled) ~~The air spring as in claim 4, wherein the flexible sleeve is engaged with the piston outer surface such~~

~~that the flexible sleeve comprises a substantially circular stress distribution.~~

6. (Cancelled) ~~An air spring comprising:~~

~~— a flexible sleeve having one end attached to an end member and the other end attached to a piston;~~

~~— the piston having an outer surface having an elliptical cross-section;~~

~~— the flexible sleeve forming a rolling lobe cooperatively engaged with the outer surface; and~~

~~a major axis of a sleeve elliptical stress distribution is disposed at approximately 90° to a major axis of the outer surface elliptical cross-section.~~

7. (Cancelled) ~~The air spring as in claim 6, wherein the end member is tilted with respect to a piston major axis.~~

8. (Cancelled) ~~The air spring as in claim 6 wherein the outer surface has a ratio in the range of approximately 1.0 to 1.5.~~

9. (Cancelled) ~~The air spring as in claim 6, wherein the flexible sleeve is engaged with the piston outer surface such that the rolling lobe comprises a substantially circular stress distribution.~~

10. (Cancelled) ~~An air spring comprising:~~

~~— a flexible sleeve having one end attached to an end member and the other end attached to a piston, the end attached to the piston describing a rolling lobe;~~

~~— the piston having an outer surface having an elliptical cross-section; and~~

~~— the rolling lobe cooperatively engaged with the outer surface; and~~

~~the flexible sleeve comprises a substantially circular stress distribution.~~

11. (Cancelled) ~~The air spring as in claim 10, wherein the end member is tilted with respect to a piston major axis.~~

12. (Cancelled) ~~The air spring as in claim 10 wherein the outer surface has a ratio in the range of approximately 1.0 to 1.5.~~

13. (Cancelled) ~~An air spring comprising:
— a flexible sleeve having one end attached to an end member and the other end attached to a piston;
— the piston having an outer surface having an elliptical cross section; and~~

~~a major axis of a sleeve stress distribution is disposed at approximately 90° to a major axis of the outer surface elliptical cross section.~~

14. (Cancelled) ~~The air spring as in claim 13, wherein the end member is tilted with respect to a piston major axis.~~

15. (Cancelled) ~~The air spring as in claim 13 wherein the outer surface has a ratio in the range of approximately 1.0 to 1.5.~~

16. (Cancelled) ~~An air spring comprising:
a flexible sleeve having one end attached to an end member and the other end attached to a piston;~~

~~the piston having an outer surface having an elliptical cross section; and~~

~~the flexible sleeve is engaged with the piston outer surface such that the flexible sleeve comprises a substantially uniform stress distribution.~~

17. (Cancelled) ~~The air spring as in claim 16, wherein the end member is tilted with respect to a piston major axis.~~
18. (Cancelled) ~~The air spring as in claim 16 wherein the outer surface has a ratio in the range of approximately 1.0 to 1.5.~~
19. (Cancelled) ~~The air spring as in claim 16, wherein a major axis of a flexible sleeve elliptical stress distribution is disposed at approximately 90° to a major axis of the outer surface elliptical cross section.~~
20. (Cancelled) ~~An air spring comprising:
— a flexible sleeve having one end attached to an end member and the other end attached to a piston; and
the piston having an outer surface having an elliptical cross section.~~
21. (Cancelled) ~~The air spring as in claim 20, wherein the end member is tilted with respect to a piston major axis.~~
22. (Cancelled) ~~The air spring as in claim 20 wherein the outer surface has a ratio in the range of approximately 1.0 to 1.5.~~
23. (Cancelled) ~~The air spring as in claim 20, wherein a major axis of a flexible sleeve elliptical stress distribution is disposed at approximately 90° to a major axis of the outer surface elliptical cross section.~~
24. (Cancelled) ~~The air spring as in claim 20, wherein the flexible sleeve is engaged with the piston outer surface such that the flexible sleeve comprises a substantially circular stress distribution.~~